



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/702,319  
Source: IFWO  
Date Processed by STIC: 11/17/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/702,319

DATE: 11/17/2003

TIME: 09:26:36

Input Set : A:\1036C5SEQLIST.txt

Output Set: N:\CRF4\11172003\J702319.raw

4 <110> APPLICANT: Perera, Ranjan  
 5       Rice, Stephen  
 6       Eagleton, Clare  
 9 <120> TITLE OF INVENTION: Compositions and Methods for the  
 10       Modification of Gene Expression  
 13 <130> FILE REFERENCE: 11000.1036c5  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/702,319  
 C--> 15 <141> CURRENT FILING DATE: 2003-11-06  
 15 <150> PRIOR APPLICATION NUMBER: U.S. No. 10/291,447  
 16 <151> PRIOR FILING DATE: 2002-11-08  
 18 <150> PRIOR APPLICATION NUMBER: U.S. No. 60/425,087  
 19 <151> PRIOR FILING DATE: 2002-11-08  
 21 <150> PRIOR APPLICATION NUMBER: U.S. No. 10/137,036  
 22 <151> PRIOR FILING DATE: 2002-04-30  
 24 <150> PRIOR APPLICATION NUMBER: U.S. No. 09/724,624  
 25 <151> PRIOR FILING DATE: 2000-11-28  
 27 <150> PRIOR APPLICATION NUMBER: U.S. No. 09/598,401  
 28 <151> PRIOR FILING DATE: 2000-06-20  
 30 <150> PRIOR APPLICATION NUMBER: PCT/NZ00/00018  
 31 <151> PRIOR FILING DATE: 2000-02-24  
 33 <150> PRIOR APPLICATION NUMBER: U.S. No. 60/146,591  
 34 <151> PRIOR FILING DATE: 1999-07-30  
 36 <150> PRIOR APPLICATION NUMBER: U.S. Patent No. 09/276,599  
 37 <151> PRIOR FILING DATE: 1999-03-25  
 39 <160> NUMBER OF SEQ ID NOS 125  
 41 <170> SOFTWARE: FastSEQ for Windows Version 4.0

pp 1-4

? include intentionally skipped sequences  
in <160> response

129  
==

## ERRORED SEQUENCES

E--&gt; 2927 &lt;210&gt; SEQ ID NO: 125

(see p. 2)

10/202,319 2

<400> 120

aaaaaaggga	aacattatac	caaattttat	gatatctttc	aacaacatac	tcttctatat	60
atggtgcctc	ctctgatgga	cccttgtaa	ctttctcttt	ttatgtgtaa	tgccctcaaga	120
gccccactc	acaagataat	atctttttcca	taatataata	tatatctcta	ttgaagcagt	180
cttttgatgt	accgagtaca	ctactcatgg	tgaaggccgt	gtcttgacgc	ttttcccatg	240
gtttattttg	aaagtaatag	tactggacct	catttgcaac	gacacataat	attcttactg	300
acgacacttt	gtttgatttc	ttatagaaaa	atgcaagggtg	gcacaaaaag	atggaaagcc	360
cgacctatca	agcatacgaa	gggtcatggt	cacaccctct	gaaatcttca	gagtctcacc	420
ctatgttggg	cgctaataca	tgggatcacg	ctgaaacata	tcgtaaatga	cgaatcaatc	480
aatcaatcat	tgaaaaatat	accagataac	tcctacgatg	gaggggatta	tttgcgtaac	540
ctccgcgtgg	gtgggcacat	tgggcaggtc	ctttggtaag	tcttgagagc	agagtcacgt	600
ttccataatt	gaagtggaca	tttatgaatc	tttcgaaagt	tgtagaactc	ttaattttcg	660
acggaatagt	ttgacacgtt	ttgtacgatc	tgggttttcc	ggggaacgcc	aattttgggt	720
tctgaaggac	agcattttaca	atattgtctg	tcgttgacca	ggacagctgg	ctcggaactc	780
gggtttccga	tgcgcaggaa	gcgcattgaa	atgagaatat	aatctagttc	tacctgtgga	840
gctatcacaa	aataactaaaa	ctggtggaca	tacctcttgt	ctgttctcga	aatcggccaa	900
aatgggaaaag	aagagggtag	agctgaaacg	cattcaaaac	cctagcagtc	gacatgctac	960
tttctctaaa	cgcaagaatg	gattgctaaa	aaaggcggtc	gagctttctg	tcctctgtga	1020
tgctgaagtc	gctctcatca	ttttctctga	aactggcaag	atttacgaat	ttgcgagcaa	1080
taacgatatg	gcagcaattc	tgggaaaata	ccgagtacac	gaagaaggca	ctgaaacgct	1140
cagtcacaac	tcgcttcaaa	acgtaaaagta	tcattgaatca	gggcttgaga	aattgcaaga	1200
gaagttgacc	gctttgcaaa	agaaggaaaa	gaacttgatt	ggtgaagact	tggaggtatt	1260
aacaatgaaa	gaactgcaac	ggcttgaaaa	acagttacaa	attggcataa	aaagggttagt	1320
gataga						1326

sequences 121 through 124 missing

<210> 125

see p. 3

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/702,319

DATE: 11/17/2003  
TIME: 09:26:38

Input Set : A:\1036C5SEQLIST.txt  
Output Set: N:\CRF4\11172003\J702319.raw

Skipped Sequences (NEW RULES):

Sequence(s) \_\_missing. If intentional, please use the following format for each skipped sequence.

<210> sequence id number

<400> sequence id number

000

Seq#:121,122,123,124

*see p.4 for more errors*

10/702,319

4

<210> 3  
<211> 1226  
<212> DNA  
<213> Pinus radiata

<220>

<221> 5'UTR

<222> (1)...(1266) (1226) only 1226 nucleotides in the sequence

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/702,319**

DATE: 11/17/2003

TIME: 09:26:38

Input Set : **A:\1036C5SEQLIST.txt**

Output Set: **N:\CRF4\11172003\J702319.raw**

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:58 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:61 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:175 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:219 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:3, 5UTR LOCATION: (1)...  
(1266)  
L:256 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:259 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:282 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
L:301 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:304 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:328 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:480  
L:2927 M:216 E: (34) Seq.#s missing, SEQ ID NOS: 121 thru 124